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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/834,338	04/13/2001	John Christopher Crandall	10004847-1	2405

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, CO 80527-2400

EXAMINER

NEURAUTER, GEORGE C

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 05/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/834,338

Applicant(s)CRANDALL, JOHN
CHRISTOPHER**Examiner**

George C. Neurauter, Jr.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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corresponding to said specified cultural preference, from the database to the working memory." (column 3, lines 20-24)

In view of the disclosures of Miller and the Examiner's broadest reasonable interpretation of the claim as required by MPEP 2111, Miller discloses installing or "transferring" to the "working memory" the protocol application or "files" that "contain code for formatting the information according to the specified cultural preference".

The Applicant also argues that Miller does not teach or suggest entering user ethnicity objects into a cultural user profile, wherein the profile defines at least one of a user location; a language preferred by the user, and a dialect of said language preferred by said user. Miller discloses:

"A brief description of the function of each of the environment variables follows...LC_CTYPE - specifies the character attributes and mappings...LC_MESSAGES - specifies the affirmative and negative expressions and language to be used in communication with the user." (column 5, lines 13-24)

"The locale source may viewed and edited by the user...For example, a locale named 'Canada' may contain source code which enables the application program to present information or interact with the user, according to Canadian cultural standards." (column 5, lines 48-55)

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In view of the disclosures of Miller, Miller does disclose entering user ethnicity objects into a cultural profile or the user may view or edit the "locale source" by creating a "locale" according to the user's cultural profile.

The Applicant argues that Miller does not teach or suggest analyzing available graphical user interface (GUI) parameters of said client application. Miller discloses:

"A brief description of the function of each of the environment variables follows...LC_CTYPE - specifies the character attributes and mappings...LC MESSAGES - specifies the affirmative and negative expressions and language to be used in communication with the user." (column 5, lines 13-24)

"For example, a locale named 'Canada' may contain source code which enables the application program to present information or interact with the user, according to Canadian cultural standards." (column 5, lines 52-55)

In view of the disclosures of Miller, Miller does disclose analyzing available GUI parameters of the client application or enabling the "application program to present information or interact with the user" according to the cultural standards set by the user.

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The Applicant argues that Miller does not teach or suggest entering a set of languages preferred by the user. Miller discloses:

"The locale source may viewed and edited by the user...For example, a locale named 'Canada' may contain source code which enables the application program to present information or interact with the user, according to Canadian cultural standards." (column 5, lines 48-55)

"...a user may modify the individual value of any of the locale categories..." (column 6, lines 26-29)

In view of the disclosures of Miller, Miller does disclose entering a set of languages preferred by the user or a user "may modify the individual value of any of the locale categories" by creating a "locale" and also may be "edited" by the user.

Therefore, Miller discloses the limitations of the claims and the claims are not in condition for allowance.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent 5 835 768 A to Miller et al.

Regarding claim 1, Miller discloses a cultural interface protocol application for use on a computer system comprising:

a user profile (referred to throughout the reference as "locale" or "locale object") stored in a memory ("locale source") of said computer system for defining cultural attributes (column 5, lines 43-55);

a protocol interface for interfacing with a client application ("set locale"; column 5, line 62-column 6, line 9); and

an algorithm for determining ones of said cultural attributes to communicate to said client application, wherein said client application is configured according to said determined ones of said cultural attributes. (column 6, lines 52-60)

Regarding claim 2, Miller discloses the cultural interface protocol application of claim 1 wherein said cultural attributes comprise at least one of user language preferences ("character attributes and mappings"; column 5, lines 17-18) and a user ethnic origin (column 5, lines 49-55).

Regarding claim 3, Miller discloses the cultural interface protocol application of claim 2 wherein said user language

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preferences comprise a list of languages ranked according to user preference. (column 8, lines 60-65; column 9, lines 11-38, specifically lines 11-14 and 23-37)

Regarding claim 4, Miller discloses the cultural interface protocol application of claim 1 wherein said client application comprises one of a software application; an Internet website; and a data network. (column 1, lines 7-11)

Regarding claim 5, Miller discloses the cultural interface protocol application of claim 2 wherein said configured client application is presented to said user in user language preference and graphical representation associated with said user ethnic origin. (column 1, lines 7-11; column 6, lines 52-60)

Regarding claim 6, Miller discloses the cultural interface protocol application of claim 1 where said algorithm determines said ones of said cultural attributes using configuration parameters communicated from said client application. (column 6, lines 52-60)

Regarding claim 7, Miller discloses the cultural interface protocol application of claim 5 further comprising a database of graphical interface objects used by said client application in rendering a graphical user interface of said client application,

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wherein said database is associated with said client application. (column 5, lines 52-60, specifically lines 52-54)

Regarding claim 8, Miller discloses the cultural interface protocol application of claim 5 further comprising a database of graphical interface objects used by said client application in rendering a graphical user interface of said client application, wherein said database is associated with said user profile.

(column 5, lines 48-60, specifically lines 52-54)

Regarding claim 9, Miller discloses the cultural interface protocol application of claim 1 wherein said cultural interface protocol application is pre-installed on said computer system, said protocol application further comprising a user attribute interface for prompting said user to select desired ones of said cultural attributes from a predefined plurality of said cultural attributes. (column 4, line 20-35; column 8, lines 60-65; column 9, lines 11-38, specifically lines 11-14 and 23-37)

Regarding claim 10, Miller discloses the cultural interface protocol application of claim 1 further comprising an installer for installing said protocol application onto said computer system; and an installation prompt for allowing said user to select desired ones of said cultural attributes from a predefined plurality of said cultural attributes. (column 4,

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lines 20-35; column 8, lines 60-65; column 9, lines 11-38, specifically lines 11-14 and 23-37)

Regarding claim 11, Miller discloses a method for providing a cultural specific user interface comprising the steps of:

entering user ethnicity objects into a cultural user profile, said cultural profile for defining at least one of a user location; a language preferred by said user; and a dialect of said language preferred by said user; (column 5, lines 43-55, specifically lines 48-49)

interfacing with a client application; (column 5, line 62-column 6, line 9)

analyzing available graphical user interface (GUI) parameters of said client application; communicating selected ethnicity objects to said client application responsive to said analyzing step; and configuring a GUI of said client application according to said communicated ethnicity objects. (column 5, lines 13-24 and 48-60)

Regarding claim 12, Miller discloses the method of claim 11 wherein said entering said user ethnicity objects step comprises at least one of the steps of entering a set of languages preferred by said user; (column 5, lines 17-18)

entering a cultural origin of said user; and entering an originating country of said user. (column 5, lines 49-55)

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Regarding claim 13, Miller discloses the method of claim 1 wherein said analyzing step comprises the steps of receiving said available GUI parameters from said client application; and determining said ones of said available GUI parameters variable according to said user ethnicity objects. (column 5, lines 52-60, specifically line 55)

Regarding claim 14, Miller discloses the method of claim 11 wherein said configuring step comprises the steps of:

receiving said communicated ethnicity objects; adjusting said available GUI parameters according to said received ethnicity objects; and rendering said GUI of said client application according to said adjusted available GUI parameters. (column 5, lines 52-60, specifically lines 57-60)

Regarding claim 15, Miller discloses the method of claim 14 further comprising the step of retrieving graphical mapping objects from a database used in said rendering step. (column 5, lines 52-60, specifically lines 52-54)

Regarding claim 16, Miller discloses a computer program product having a computer readable medium having computer program logic recorded thereon for providing a cultural specific user interface comprising:

means for obtaining user ethnicity objects; (column 5, lines 43-55, specifically lines 43-45)

means for communicating with a client application; (column 5, line 62-column 6, line 9)

means for determining variable graphical user interface (GUI) parameters of said client application; means for selecting ethnicity objects from said cultural user profile responsive to said determining means; and means for configuring said client application GUI according to said selected ethnicity objects.

(column 5, lines 52-60)

Regarding claim 17, Miller discloses the computer program product of claim 16 wherein said means for obtaining said user ethnicity objects comprises at least one of:

means for entering a set of languages preferred by said user; (column 5, lines 17-18).

means for entering a cultural origin of said user; and
means for entering an originating country of said user. (column
5, lines 49-55)

Regarding claim 18, Miller discloses the computer program product of claim 16 wherein said means for determining comprises:

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means for receiving indication from said client application of said variable GUI parameters; means for comparing all of said user ethnicity objects to said variable GUI parameters; and means for providing ones of said user ethnicity objects corresponding to said variable GUI parameters. (column 5, lines 52-60, specifically line 55)

Regarding claim 19, Miller discloses the computer program product of claim 16 wherein said means for configuring comprises:

means for communicating said selected ethnicity objects; means for adjusting said variable GUI parameters according to said selected ethnicity objects; and means for rendering said client application GUI according to said adjusted variable GUI parameters. (column 5, lines 52-60, specifically lines 57-60)

Regarding claim 20, Miller discloses a language and cultural interface protocol application comprising:

a cultural profile of user specific cultural objects (column 5, lines 43-55), said objects comprising:

a list of languages preferred by a user (column 5, lines 17-18); and

a cultural origin of said user; (column 5, lines 49-55)

an application interface for facilitating communication
between said protocol and a client application; (column 5, line
62-column 6, line 9)

a host interface analyzer for determining ones of graphical user interface (GUI) parameters of said client application which are variable according to ones of said user specific cultural objects; and an object communicator for communicating selected ones of said user specific cultural objects to said client application wherein said client application varies said variable GUI parameters according to said communicated user specific cultural objects. (column 5, lines 52-60)

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

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however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George C. Neurauter, Jr. whose telephone number is (571) 272-3918. The examiner can normally be reached on Monday through Friday from 9AM to 5:30PM Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (571) 272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

gcn


WILLIAM C. VAUGHN, JR.
PRIMARY EXAMINER

16 May 05